BRUHAT BANGALORE MAHANAGARA PALIKE

SCHEDULE-B

Detailed estimate for Rain water harvesting

Qty	Particulars	Unit	Approved rates of K. Thyagaraj	
			Rate in Fig.	Rate in Words
	Construction of infiltration well			
	Earthwork excavation in hard murrum, boulders, hard Katak including shoring, strutting, barricadin, danger lighting, bailing out water wherever necessary, with stacking the materials as directed upto a lead of 50 mtr & lift of 1.50 mtr etc., complete. (PRED Bangalore Circle P-32, I-8.2)			
14.72	0-1.5 mtrs	Cmt	167.00	(Rupees One Hundred and Sixty Seven only)
14.72	1.5-3.0 mtrs	Cmt	201.00	(Rupees Two Hundred and One Only)
14.72	3.0-4.5 mtrs	Cmt	235.00	(Rupees Two Hundred and Thirty Five only)
39.76	Over burden earth	Cmt	167.00	(Rupees One Hundred and Sixty Seven only)
30.00	Supplying and erection of R.C.C. rings for well steining of 0.3 M depth using M-20 grade cement concrete using clean graded granite or trap or jelly of approved quality 20 mm and down size well compacted including centering, from work and plastering for both faces with CM 1:3 proportion as per design using 6.50 mm M.S. Coil at the rate of 10 KGs/ring including cost of steel and fabrication, bailing out of water, errection etc., iii) For 1.20 M dia (clear) rings of steining thickness 0.0775 mm upto 18 M depth. PRED Bangalore Circle P-36, I-8.8a,iii)	No	882.00	(Rupees eight hundred eighty two only)
32.24	Providing and filling with boulders or rubble of approved size and quality, including hand packing, wedging, filling in voids with quarry spalls and clean sand etc., complete with all lead and lifts etc., complete PRED Bangalore Circle P-35, I-8.9	Cmt	757.00	(Rupees seven hundred fifty seven only)

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0.22	Providing and laying in position reinforced cement concrete of nominal mix 1:1:2 with 20 mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for R.C.C. beams, columns of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintes, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (excluding cost of steel, fabrication & plastering) Specification No.KBS 4.1, 4.6 (P-13, I-4.16) PWD Bangalore Circle	Cmt	5598.92	(Rupees five thousand five hundred ninety eight and paise ninety two only)
101.00	Providing TMT steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position lapping and / or welding whever requried, tying with binding wire and anchoring to the adjoining members whever necessary complee as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3 (P-16, I-4.46) PWD Bangalore Circle.	kg	51.08	(Rupees fifty one and paise eight only)
82.24	Conveying the excavated earth with a lead of 0 to 10 kms with all lead and lifts etc.,	Cmt	112.00	(Rupees one hundred twelve only)
	Construction of infiltration chamber			
2.92	Earthwork excavation for foundation of buildigns, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth includign dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m specification. No.KBS 2.1 (b) / 2.3.5 (PWD SR P-5, I-2.4)	Cmt	194.40	(Rupees one hundred ninety four and paise forty only)
0.54	Providing and laying in position plain cement concrete of mix 1:3:6 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not excedding 15 cms thick, well compacted, in foundation and plinth, including cost of all material, labour, HOM of machinery, curing complete as per specification. (P-12, It no. 4.7)	Cmt	3790.80	(Rupees three thousnad seven hundred ninety and paise eighty only)

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1.24	KSRB 6-2.2: Providign and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:4 for basement & super structure including cost of materials, labour charges, scaffolding, curing complete as per specificaitons. Specification No. KBS 6.2 (P-26, I-6.7)	Cmt	4340.52	(Rupees four thousand three hundred forty and paise fifty two only)
4.32	KSRB 15-3.7: Providing 18 mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, incluidng cost of mateials, labour, curing complete as per specificaitons (P-97, I-15.15)	Cmt	164.16	(Rupees one hundred sixty four and paise sixteen only)
0.20	Providing and laying in position plain cement concrete of mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications (P-12, It no. 4.6)	Cmt	4388.04	(Rupees four thousand three hundred eighty eight and paise four only)
0.54	KSRB 4-1.1: Providing and layign in position plain cement concrete of nominal mix 1:5:10 using 40 mm and down size graded granite metal machine mixed, concrete laid inlayers not exceeding 15 cms. thck, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specificaitons. Specification No. KBS 4.1, 4.2 (	Cmt	4902.12	(Rupees four thousnad nine hundred two and paise twelve only)
44.00	Providing TMT steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position lapping and / or welding whever requried, tying with binding wire and anchoring to the adjoining members whever necessary complee as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3 (P-16, I-4.46) PWD Bangalore Circle.	kg	51.08	(Rupees fifty one and paise eight only)

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6.00	KSRB 13-8.1: Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm workign pressure 110mm outside diameter with speical flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specificaitons. Specificaiton No. KBS 13.2 15.1/13.9 (P83, I-13.70.4)	Rmt	475.20	(Rupees four hundred seventy eighty and paise twenty only)
0.24	Providing 0.32 cms to 10 cms (1/8 inch to 4 inch) size grade filter media including laying, grading and hand packign in position as per specificaiton etc., complete.	Cmt	1278.72	(Rupees one thousnad two hundred seventy eight and paise seventy two only)
2.92	Conveying the excavated earth with a lead of 0 to 10 kms with all lead and lifts etc.,	Cmt	112.00	(Rupees one hundred twelve only)

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Executive Engineer (Project) East
Bruhat Bangalore Mahanagar Palike